

land may then be developed and used in any manner permitted by Subsections A., B. and C. of Section II hereof.

(8) Prior to the preparation of Preliminary Plans for successive development phases of the Region, the developer will consult with appropriate representatives of the affected school district with respect to the location of school sites. The proposed location of such school sites shall be in accordance with the school site land development plans as shown on the developer's Preliminary Plans for successive development phases of a Region submitted for approval in accordance with Subsection 14.7 of the Zoning Ordinance.

c. General Matters.

(1) All land dedicated for school sites, public open space, park or recreation areas pursuant to the provisions of this Subsection B.19. shall be suitable for its intended use and for the construction and maintenance of the educational facilities or recreational improvements for which such land is planned. With respect to all such dedicated land, the developer shall have the obligation to make provision for electrical, water and sewer services adjacent to the site which shall be appropriate to the land to be dedicated and the intended use thereof. The developer shall construct or have the obligation to make provision for the construction

of public street improvements (including storm water drainage facilities and required curb and gutter improvement) adjacent to such dedicated land. Such provision for electrical, water and sewer services and public street improvements for a site shall be completed prior to the scheduled time for commencement of construction of the school or park facilities for which such site is to be used.

(2) Nothing in this Subsection B.19. shall obligate a developer to reserve or dedicate land for school sites or for public open space, park or recreation areas in any particular development phase of a Region of the District, and Final Plans for development phases of a Region which do not provide for such land reservation or dedications may be approved in accordance with the provisions of this Plan Description and Subsection 14.7 of the Zoning Ordinance; provided that to the degree that any such Final Plan does not provide for such land reservations or dedications which are requirements of the development phase covered by such Final Plan and which have not been provided for in other Final Plans for property in the Region theretofore approved by the City Council, such reservation or dedication requirements remain a requirement to the development of the property in the Region as to which Final Plans shall not have been approved; and, provided further, that if land reservation or dedication

requirements attributable to any Final Plan for a development phase of a Region of the District are not provided for in such Final Plan or in other Final Plans for property in the Region theretofore approved by the City Council, the City Council may require, as a condition to the approval of such Final Plan, that the developer designate the location or locations in those areas of the Region for which Final Plans have not been submitted for approval, where land will be reserved to meet the developer's land reservation or dedication obligations attributable to such Final Plan. Approval by the City Council of the location or locations of such land reservations in areas for which Final Plans have not been submitted for approval shall constitute prior approval of such location or locations for the purpose of Preliminary Plans or Final Plans covering such location or locations which may be submitted in the future.

(3) Nothing in this Subsection B.19. shall create any right of any kind in any school district or other public body other than the City; and any provision of this Plan Description which may be included for the benefit of a school district or other public body may be deleted or modified by the City and the developer (in accordance with the provisions of Subsection 14.7 of the Zoning Ordinance) without the approval

of such school district or other public body; provided, that any school site land reservation or dedication obligation or any cash contribution obligation provided for in this Subsection B.19. may at any time or from time to time be modified by agreement between the developer and the affected school district; and, provided further, that any public open space, park or recreation land reservation or dedication obligation which requires dedication to a public body other than the City may at any time and from time to time be modified by agreement between the developer and such other public body. Any such agreement between the developer and an affected school district or between the developer and such other public body shall be binding upon the City as an effective modification of this Plan Description but shall not require the approval of the City Council. A copy of each such agreement shall be deposited with the Department of City Planning promptly after its execution.

(4) With respect to all land dedicated for school sites or for public open space, park or recreation areas pursuant to the provisions of this Subsection B.19., the deed, plat or other instrument by which such land is dedicated shall contain appropriate provisions restricting the use of such land to the use or uses contemplated in this Subsection B.19. or to the use or uses

contemplated in any agreement between the developer and the City, school district or other public body to which such land is to be dedicated.

(5) The developer may at any time and from time to time file an objection to the applicability of the Table of Estimated Population to all or any part of the District, and be entitled to a determination of such applicability in accordance with the provisions of Subsection D of Section 43-48 of the Subdivision Control Ordinance.

20. Subsection (d) of Section 43-59 shall be modified to read as follows:

"(d) Where a subdivision abuts or contains an existing or proposed primary highway and where it may be necessary for the adequate protection of residential properties or to afford separation of through and local traffic, the preliminary plats and final plats shall provide for (1) marginal access streets, (2) reverse frontage lots with a screen planting easement of at least ten feet in width located along the rear property line and across which there shall be no right of vehicular access, (3) deep lots with rear service access, or (4) such other treatment as the developer may propose which will adequately provide the necessary protection of residential property or traffic separation."

21. Subsection (e) of Section 43-59 shall be modified to read as follows:

"(e) Where a subdivision borders on or contains a railroad or an expressway right-of-way consideration shall be given to the location of a street approximately parallel to and on each side of such railroad or expressway right-of-way at a distance suitable for the appropriate use of the intervening land. Such distance shall be determined with due regard for the requirements of approach grades and future grade separations."

22. Subsection (l) of Section 43-59 shall be modified to read as follows:

"(l) Where the City Engineer determines that the geometrics at street intersections are such as to require property line cut offs, roundings or chords at such intersections, they shall be provided."

23. Subsection (m) of Section 43-59 shall be modified to read as follows:

"(m) Street right-of-way widths shall be as specified in the table of minimum standards as modified by this Plan Description."

24. Subsection (o) of Section 43-59 shall be modified to read as follows:

"(o) Dead-end streets (cul-de-sac) may have a maximum length of six hundred feet measured

from the right-of-way line at the open end to the center of the turn-around circle, shall be provided with a paved surface of twenty-seven feet back to back of curb and a turn-around at the closed end having an outside pavement diameter back to back of curb of at least eighty feet and a street property line diameter of at least one hundred and twenty feet. The right-of-way for dead-end streets shall be at least fifty feet. The paved surface and right-of-way requirements for dead-end streets shall also be applicable to residential loop streets not over twelve hundred feet in length measured from the right-of-way line at each end. Such dead-end and loop streets shall originate and, in the case of loop streets, terminate at residential or collector streets."

25. The table of minimum standards for street design contained in Subsection (p) of Section 43-59 shall be modified to read as follows:

MINIMUM STANDARDS FOR STREET DESIGN.

	<u>Residential</u>	<u>Collector</u>	<u>Secondary</u>	<u>Primary</u>
Right-of-way	60'	66'	80'	80' to 100'
Radius of horizontal curve of street center line	200'	300'	400'	500'
Length of vertical curve	30 times algebraic difference of grade, but not less than 50 feet. (Not required when algebraic difference of grade is less than 1.5%).			

MINIMUM STANDARDS FOR STREET DESIGN.
(Con't.)

	<u>Residential</u>	<u>Collector</u>	<u>Secondary</u>	<u>Primary</u>
Length of tangents between reverse curves	50'	50'	100'	100'
Maximum grade	6%	6%	5%	5%
Minimum grade	0.35	0.35	0.40	0.40
Non-passing sight distance	200'	200'	300'	400'
Width of paving, back-to-back of curbs	31'	37'	41'	45'

26. Section 43-62 shall be modified to read
as follows:

"Sec. 43-62. EASEMENTS.

(a) Easements shall be provided for utilities, ingress and egress. Easements for utilities provided by private public utility companies shall be approved by such companies; easements for sanitary sewers shall be approved by the City Sewer Department; easements for drainage, ingress and egress shall be approved by the City Engineer; and water utility easements shall be approved by the City Water Department.

(b) Where a subdivision is traversed by a watercourse, drainage way, channel or stream, there shall be provided a storm water easement or drainage right-of-way conforming substantially with the line of such watercourse, drainage way, channel or stream of a width which will provide adequate access for future construction and maintenance as recommended by the City Engineer."

27. Section 43-63 shall be modified to read as follows:

"Sec. 43-63. BLOCKS.

(a) Except as provided in Subsections (b), (c) and (d) below, no specific rule is made concerning the length, width or shape of blocks, but blocks shall be designed with due regard to:

(1) provision for adequate building sites suitable to the special needs of the type of use contemplated;

(2) the limitations and opportunities of topography; and

(3) the desirability of convenient access, and of street traffic circulation, control and safety.

(b) In Residential Areas where a pattern of residential and collector streets is planned, the City Engineer may, for the purpose of minimizing traffic congestion, recommend that the distance between cross streets not exceed eighteen hundred feet.

(c) Pedestrian cross walks not less than five feet wide shall be provided where deemed necessary to provide for pedestrian circulation or access to schools, playgrounds, shopping centers, transportation, and other community facilities; provided, that where recommended by the City Engineer, such cross walks shall have a greater width up to and including ten feet.

(d) Blocks or portions thereof intended for

commercial or industrial use shall be designated as such, and the plat shall show adequate off-street areas to provide for parking, loading docks, and other such facilities."

28. Subsection (a) of Section 43-64 shall be inapplicable.

29. Subsection (b) of Section 43-64 shall be modified to read as follows:

"(b) A 'subdivided lot' is herein defined to mean a portion of a subdivision intended for transfer of ownership, building development, other uses consistent with this Plan Description or any combination of the foregoing. A subdivided lot shall be appropriate for the type of development and use contemplated by this Plan Description. A subdivided lot may be a zoning lot, as such term is defined in this Plan Description, or it may be a portion of a zoning lot. The term lot used alone in this Plan Description or in the Subdivision Control Ordinance shall be deemed to be a subdivided lot as such term is defined herein. If a subdivided lot on which dwelling units are or may be located is a portion of a zoning lot, appropriate arrangements shall be required to provide for the continuing protection and maintenance of the open areas, parking facilities and other common elements of such zoning

lot required by the development standards and other terms of this Plan Description, or of any Preliminary Plan or Final Plan for the area of the District in which such zoning lot is located. Such arrangements may provide for the conveyance of all or part of such open areas, parking facilities and other common elements to a property owners association consisting of all the owners, present and future, of subdivided lots within such zoning lot; or such continuing protection and maintenance may be provided by other types of conveyances and agreements. The following provisions shall be applicable to lots or to zoning lots as indicated:

(1) Zoning lot dimensions and areas shall conform to the requirements of this Plan Description.

(2) Zoning lots abutting a water-course, drainage way, channel, or stream shall have a minimum width and depth as may be required to provide adequate building sites and to afford the minimum usable area required by the provisions of this Plan Description.

(3) The depth and width of lots in the Business and Manufacturing Areas of the District shall be adequate to provide for the off-street parking and loading facilities required by the Zoning Ordinance as modified by this Plan Description."

30. Subsection (d) of Section 43-64 shall be modified to read as follows:

"(d) All lots shall have access to or abut on a public dedicated street, court or cul-de-sac, or a private street, court or cul-de-sac."

31. Subsection (e) of Section 43-64 shall be modified to read as follows:

"(e) In the case of a subdivided lot which is a zoning lot, as such term is defined in this Plan Description, and which contains not more than one one-family detached dwelling, a double frontage or reverse-frontage lot shall be avoided except where essential to provide separation of residential development from highways or primary thoroughfares or to overcome specific disadvantages of topography and orientation. A planting screen easement of at least ten feet and across which there shall be no right of vehicular access shall be provided along the lot line of such a lot abutting such a highway or primary thoroughfare."

32. Subsection (f) of Section 43-64 shall be inapplicable.

33. Section 43-65 shall be modified to read as follows:

"Sec. 43-65. BUILDING SETBACK LINES.

Building setback lines shall conform to the provisions and requirements of this Plan Description."

34. Subsection (a) of Section 43-66 shall be inapplicable.

35. Section 43-67 shall be inapplicable.

36. Section 43-78 shall be modified to read as follows:

"Sec. 43-78. COMPLIANCE REQUIRED; CERTIFICATION.

No subdivision of land shall be approved without the subdivider submitting a statement signed by the City Engineer certifying that the improvements described in the subdivider's plans and specifications, together with agreements, meet the minimum requirements of this Plan Description, of all ordinances of the City as modified by this Plan Description and of Article V of the Subdivision Control Ordinance as modified by this Plan Description."

37. Subsection (e) of Section 43-79 shall be modified to read as follows:

"(e) When required by the City Engineer storm sewers shall be constructed throughout the entire subdivision, which shall be separate and independent of the sanitary sewer system and which shall provide an adequate outlet or connection with the storm sewer system of the City or a stream or drainage course. The storm sewer system shall be designed by the rational method, to accept the runoff from a storm with

a five-year return frequency on the fully developed site. Storm water inlets shall be constructed in the pavement curbs and gutters to drain the pavement at intervals not to exceed six hundred feet; provided, that where standard engineering practices, as recommended by the City Engineer, would require a shorter interval between storm water inlets, such inlets shall be constructed at such shorter intervals which shall not be less than three hundred feet except at intersections. The total storm system may be a combination of open and closed conduits or channels. No storm sewer shall be connected to any sanitary sewer of the Aurora Sanitary District. When storm sewers are not installed, adequate facilities, as recommended by the City Engineer, for the removal of surface water shall be provided throughout the entire subdivision."

38. Section 43-80 shall be modified to read as follows:

"Sec. 43-80. WATER SUPPLY.

Water mains to furnish City water to each and every lot within the subdivision shall be constructed in accordance with the applicable ordinances of the City."

39. Subsection (a) of Section 43-81 shall be modified to read as follows:

"(a) Roadways of collector and residential streets shall have a surface consisting of one of the following materials as selected

by the subdivider's design engineers: non-reinforced Portland cement concrete pavement having a minimum thickness of six inches or a gravel or crushed stone base course Type B having a minimum compacted thickness of eight inches on residential streets and ten inches on collector streets, or structurally equivalent base material of appropriate thickness with a two inch Bituminous Concrete surface course, Sub-class B-5."

40. Subsection (d) of Section 43-81 shall be modified to read as follows:

"(d) All streets shall be improved with roadways bounded by non-reinforced Portland cement concrete curbs and gutters in accordance with specifications established by the City and approved by the City Engineer. Eighteen-inch wide roll type curbs and gutters shall be permitted on collector and residential streets. Where non-reinforced Portland cement concrete pavement is constructed, curbs may be constructed monolithic with the pavement."

41. Subsection (f) of Section 43-81 shall be modified to read as follows:

"(f) Street improvements shall be in accordance with the Table of Minimum Standards in Section 43-59 as modified by this Plan Description."

42. Section 43-84 shall be modified to read as follows:

"Sec. 43-84. SIDEWALKS.

Public sidewalks shall be constructed to a width of not less than five feet and shall be installed on both sides of publicly dedicated streets; provided, that with the approval of the City Council, public sidewalks may be installed on only one side of a publicly dedicated street if (1) adequate public pedestrian walkways are located on the property on the other side of such street, or (2) sidewalks on the other side of such street are inappropriate or unnecessary on both sides of such street because of the nature of the land use planned for the affected area. The construction of sidewalks may be deferred until such time as the development of the property adjacent to such sidewalks has been completed, and acceptance and dedication of other improvements may take place prior to the construction of such sidewalks; provided, that for reasons of public safety the City Engineer may in such cases require the subdivider to provide temporary walkways pending the construction of sidewalks. The specifications for such temporary walkways shall be subject to the approval of the City Engineer. Public sidewalks shall be constructed of

Portland cement concrete having a minimum thickness of four inches or equivalent material approved by the City Engineer. Unless otherwise approved by the City Council, all public sidewalks shall be located within the street right-of-way, one foot inside the right-of-way line. All City Council approvals provided for in this Section 43-84 may be given as part of the approval of a Preliminary or Final Plan."

43. Section 43-87 shall be modified to read as follows:

"Sec. 43-87. INSPECTION OF IMPROVEMENTS.

The subdivider shall be obligated to pay the City for the City's actual costs incurred in connection with the review of plans and specifications for all public improvements installed pursuant to Subsections (a)(1), (a)(2) or (a)(3) of Section 43-47 of the Subdivision Control Ordinance, as modified by this Plan Description. All such public improvements shall, at the subdivider's expense, be laid-out in the field prior to the commencement of construction and shall be inspected during the course of construction by a professional engineering firm retained by the subdivider, and copies of reports of such firm shall be made available

to the City Engineer without cost to the City. Routine inspections of such public improvements by the City during the course of and upon completion of construction will be made without cost to the subdivider, but the subdivider shall be obligated to pay the City for the City's actual costs of special inspections of such public improvements occasioned by defective work or work practices. Upon completion of construction of such public improvements, the subdivider shall supply the City with 'as built' drawings of such public improvements, which drawings shall, at the subdivider's expense, be certified by the professional engineering firm which performed the inspection services referred to above."

FOX VALLEY EAST PLANNED DEVELOPMENT DISTRICT

Plan Description

Part One

Section V

General Provisions Relating to the Proposed District

A. Sanitary Sewer Service to the District.

The developers of the District propose annexation of the District to the Aurora Sanitary District. The proposed sewer service system described below has been planned jointly by the developers of the District and the Aurora Sanitary District. By describing the proposed sewer service system in this Plan Description the developers of the District do not assume responsibility for financing the proposed system. The developers of the District and the Trustees of the Aurora Sanitary District are jointly exploring methods by which such financing may be accomplished.

The sanitary outfall sewer systems serving Regions I and II will consist of a gravity sewer running south-westerly along the Waubensee Creek from the approximate intersection of Farnsworth Avenue and Waubensee Creek to a pumping station to be built in the south half of Section 9, Oswego Township, Kendall County. The pumping station will be connected to the Aurora Sanitary District's treatment plant on the Fox River in Montgomery, Illinois by a force main sewer.

That portion of Regions I and II lying in general between Aurora Road and Oswego Road will be served by a trunk sewer connected to the above mentioned outfall sewer and running northeasterly along the Waubensee Creek to its intersection with the Elgin, Joliet & Eastern Railway Company right-of-way, thence northerly adjacent to and parallel with said right-of-way to the north line of Section 29, Naperville Township, DuPage County, thence easterly adjacent to and parallel with said line and said line extended east to its intersection with the east line of the west half of the west half of Section 21 in the Township and County aforesaid, thence northerly adjacent to and parallel with said line to its intersection with the southerly right-of-way line of Aurora Road.

Sanitary trunk sewers for the southern part of Region II will consist of a sewer connected to the proposed Aurora Sanitary District trunk sewer described above as following Waubensee Creek at a point in the southwest quarter of Section 36, Township 38 North, Range 8 East, and running generally southeasterly from that connection point to the right-of-way of 87th Street extended, thence easterly along the existing and extended 87th Street right-of-way to the approximate intersection of 87th Street and the north-south centerline of Section 31 in Naperville Township, DuPage County, thence northerly along the approximate centerline of Section 31 to the 83rd Street right-of-way, thence easterly along the 83rd Street right-of-way to its intersection with the centerline of Section 33, Naperville Township, DuPage County.

The sanitary trunk sewer system to serve the northern part of Region II will consist of a gravity trunk sewer connected at some point in the northeast quarter of Section 30 to the trunk sewer described earlier and which runs northeasterly adjacent to the Waubensee Creek. This gravity trunk sewer to serve the northern part of Region II will be constructed in a northerly direction adjacent to or within the corridor of the proposed Fox Valley Freeway and will terminate at approximately the intersection of said corridor and Molitor Road.

Manholes will be located in accordance with the Aurora Sanitary District's design standards and at key connection points. Trunk sewers will be sized to accommodate the estimated future sewer requirements of the area.

Any change in the above described sewer service system which receives the approval of the Aurora Sanitary District shall be deemed a reasonable variation from this Plan Description for the purpose of clause a. of Subsection 14.7-6 of the Zoning Ordinance, and shall not require the approval of the City Council. The Department of City Planning shall be notified of any change in the above-described sewer service system.

B. Water Service to the District.

The proposed water distribution facilities described below have been planned jointly by the developers

of the District and the City Water Department. By describing the proposed water distribution facilities in this Plan Description the developers of the District do not assume complete responsibility for financing the proposed facilities. The developers of the District and the City are jointly exploring methods by which such financing may be accomplished.

The primary water distribution facilities for Region I and the central part of Region II will consist of a water main, approximately twenty inches in diameter connecting to the existing City of Aurora water system at two points in the vicinity of Hill Avenue and Fifth Avenue. The twenty-inch water main will extend easterly along Fifth Avenue to Vaughn Road, thence easterly along the east-west centerline of Section 30, Naperville Township, DuPage County to its intersection with the Waubensee Creek; thence northeasterly adjacent to the Waubensee Creek alignment to the west side of the Commonwealth Edison Company right-of-way; thence northerly, approximately sixteen inches in diameter, adjacent to and parallel with said right-of-way line to the north line of Section 29, Naperville Township, DuPage County; thence easterly adjacent to and parallel with said north line and said north line extended east to its intersection with the east line of the west one-half of the west one-half of Section 21 in the Township and County aforesaid; thence southerly and generally paralleling said east line to its intersection with the northerly right-of-way line of Oswego (Illinois Route Number 34).

At the intersection of the Waubensee Creek and the westerly right-of-way line of the Commonwealth Edison Company right-of-way, a two-million-gallon ground storage facility and high pressure pumping station will be constructed. A deep well with a capacity of one thousand gallons per minute will be drilled at the location of the ground storage pumping facility, discharging to said facility with the necessary pumping and chlorination equipment located adjacent to the well.

Water mains designed to supply water to the High Pressure Zone will run from this pumping station northerly adjacent to and parallel with said right-of-way line to the north line of Section 29, Naperville Township, DuPage County; thence easterly adjacent to and parallel with said north line and said north line extended to its intersection with the east line of the west one-half of the west one-half of Section 21 in the Township and County aforesaid. The water main will be approximately twenty inches in diameter from the pumping station to the intersection of the proposed main with the approximate easterly right-of-way line of the Elgin, Joliet & Eastern Railway Company, from which point the easterly extension of said water main will be approximately twelve inches in diameter.

Water distribution facilities for the southeast part of Region II will consist of an extension south from the proposed water main located on the west side of the

Commonwealth Edison Company right-of-way, following that right-of-way line and terminating at a proposed elevated storage tank with a minimum capacity of seven hundred and fifty thousand gallons located in the vicinity of the Elgin, Joliet & Eastern Railway Company right-of-way and 83rd Street. This tank will be further connected to the system through a trunk main running east along 83rd Street to the north-south centerline of Sections 33 and 28, thence north along said centerline across the 75th Street right-of-way and extending northerly to a connection with a previously described water main at the approximate intersection of Oswego Road with the east line of the west one-half of the west one-half of Section 21, Naperville Township, DuPage County; and by a trunk main running west along 83rd Street to the DuPage-Kane County Line, thence north along said county line to the above mentioned trunk main to be extended along Fifth Avenue.

Water distribution facilities for the northern part of Region II will consist of a proposed water main connected to the existing City water system at Reckinger, east of Farnsworth, thence south on Felton Road to Shefler Avenue, thence eastward along Shefler Avenue and Shefler Avenue extended to Eola Road, thence south along Eola Road to State Route 65, thence east on the south side of State Route 65 to the east right-of-way of the Elgin, Joliet & Eastern Railway Company and then south adjacent to said right-of-way to the High Pressure Zone trunk water main

described as following the north line of Section 29, Naperville Township, DuPage County. Additionally, a water transmission main approximately sixteen inches in diameter will be constructed easterly on the south side of State Route 65, from the east right-of-way of the Elgin, Joliet & Eastern Railway Company to the intersection of State Route 65 with the East line of the west one-half of the west one-half of Section 21, Naperville Township, DuPage County.

A further connection to the existing City water system will be provided by a proposed water main from the intersection of Molitor Road and Felton Road extended, easterly on Molitor Road to Eola Road, thence south along Eola Road to make a connection with the main described above.

Any change in the above described water distribution facilities which receives the approval of the City Water Department shall be deemed a reasonable variation from this Plan Description for the purposes of clause a. of Subsection 14.7-6 of the Zoning Ordinance.

C. District Storm Water Retention and Disposal Systems.

The proposed storm water retention and disposal systems described below are being planned jointly by the

developers of the District and the City. By describing the proposed storm water retention and disposal systems in this Plan Description the developers of the District do not assume complete responsibility for financing the proposed systems. The developers of the District are exploring methods by which such financing may be accomplished.

1. Waubansee Creek Storm Retention and Disposal Facilities. Storm water retention facilities will be developed within the Waubansee Creek watershed. The facilities will have the capacity to retain storm runoff resulting from a storm with a twenty-five-year return frequency from a fully developed site with a discharge restricted to 0.15 inches per hour per acre from the same contributing area. Additionally, the facilities will have the capacity to retain storm runoff resulting from a storm with a one-hundred-year return frequency from a fully developed site with a discharge restricted to 0.2 inches per hour per acre from the same contributing area.

The allowable discharge from the upstream watershed will bypass or be in addition to the discharge from the proposed storm water retention facilities.

Between storm water retention facilities a conduit or improved channel with an adjacent floodway will be provided with capacity to convey a maximum runoff equivalent to 0.2 inches per hour per acre from the site and from the upstream watershed.

2. Indian Creek Tributary Storm Retention and Disposal Facilities. Storm water retention facilities will be provided having a capacity to retain storm water runoff resulting from a storm with a twenty-five-year return frequency from the fully developed site with a discharge restricted to 0.15 inches per hour per acre from the same contributing area. Additionally, the facilities will have the capacity to retain storm runoff resulting from a storm with a one-hundred-year return frequency from a fully developed site with a discharge restricted to 0.2 inches per hour per acre from the same contributing area.

The allowable discharge from the upstream watershed will bypass or be in addition to the discharge from the proposed storm retention facilities.

Between storm water retention facilities a conduit or improved channel with an adjacent floodway will be provided with capacity to convey a maximum runoff equivalent to 0.2 inches per hour per acre from the site and the upstream watershed.

3. Variations. Any change in the above described storm water disposal system which receives the approval of the City Engineer shall be deemed a reasonable variation from this Plan Description for the purpose of clause a. of Subsection 14.7-6 of the Zoning Ordinance.

D. Highways and Roads.

1. General. The following is an outline of the structure and general configuration of the major roadway network which will serve the District and the area surrounding it. It has been planned by the developers of the District after consultation with the State and County Highway Departments, the City Engineer and the Director of City Planning. The primary transportation system elements described herein are intended to serve as the basis for further detailed planning and design by the developers and their traffic consultants, working in close coordination with public transportation planning agencies at the City, County, State, and Federal levels. The portions of the major roadway network described herein which are outside the District are included only to illustrate what the developers of the district believe to be desirable road and highway planning, and it shall not be a condition to the right of the developers of the District to develop the District in accordance with this Plan Description that such portions of the major roadway network are completed in the manner described herein. By describing the proposed major roadway network in this Plan Description the developers of the District do not assume complete responsibility for financing the proposed network. The developers of the District, representatives of the State and County Highway Departments and the City are jointly exploring methods by which such financing may be accomplished.

The primary objectives of the transportation system are:

- a. To provide for sufficient system-wide traffic capacity moving to, from and through the two Regions of the District.
- b. To provide sufficient internal roadway capacity to meet the access and circulation requirements of development-related traffic moving within the Regions.
- c. To interconnect the Regions with primary regional major arterials and expressways.
- d. To create a transportation facilities infrastructure which will support and serve proposed land uses within the two Regions and in the surrounding areas.
- e. To form the basis for application of new transportation systems and technologies at a future time, as such new systems are developed and demonstrated to be feasible and desirable.

The staging of street and highway improvements within the two Regions will be coordinated so as to provide

roadway capacities to meet travel needs which will exist at future dates. Since development within the Regions will be scheduled over a relatively long (twenty-year) period, selected improvements may be accomplished in stages and be designed to both meet then-current needs and to complete linkages which will be required by new development and which will support the final transportation system.

Street and highway improvements are contemplated to fall within one or more of the following categories:

a. New construction of roads along existing or newly acquired rights-of-way, including arterial and collector streets as well as local access streets serving newly developed land uses.

b. Improvements of existing roads, including widening, resurfacing, providing controlled access, and realignment of some sections of roadway to complete required linkages.

c. Localized improvements, including installation of traffic control devices, intersection approach widening and channelization, and access control at critical points.

The major elements of the proposed transportation network are described in the following Subsections of this

Subsection D. The proposed alignments will be fixed after completion of detailed traffic engineering studies and in coordination with appropriate transportation planning activities of City, County, State and Federal agencies.

2. Highway and Roads Network. The principal elements of the proposed District-Wide Transportation System are intended to form a grid network of primary and secondary arterial roads, which will link the District with adjacent regional arterials and expressways. Specific elements are described below:

a. North-South Linkages:

(1) Illinois Route 59 is planned for improvement by the construction of additional traffic lanes and the improvement of major intersections to increase both their through-movement and turning-movement capacities. These improvements should extend from 75th Street north to the East-West Tollway.

(2) A new north-south arterial is planned for construction along an alignment west of Illinois Route 59 and east of the Elgin, Joliet & Eastern Railway Company right-of-way. This new roadway should

extend from 87th Street north to Butterfield Road.

(3) The Fox Valley Freeway is proposed to extend from an interchange with the East-West Tollway, approximately midway between the Farnsworth Avenue interchange and the Eola Road crossing, south along an alignment generally parallel to and west of the Elgin, Joliet & Eastern Railway Company right-of-way, to a point south of Region II at 95th Street, then south and east to the Stevenson Expressway (Interstate Route 55).

(4) Kautz Road is planned for major improvement to an arterial constructed along the DuPage-Kane County line from 87th Street to Molitor Road.

(5) Vaughn Road is planned for improvement to an arterial road constructed from Molitor Road to 87th Street.

(6) Eola Road is planned for improvement to an arterial from Butterfield Road to 87th Street.

b. East-West Linkages:

(1) North Aurora Road is planned for improvement to arterial standards and connected from the vicinity of its intersection with Ogden Avenue (U. S. Route 34) generally west along the alignment of North Aurora Road to an intersection with Indian Trail Road at Farnsworth Avenue in Aurora.

(2) Liberty Road (Claim Street) is planned for improvement to arterial standards from Route 34 in Naperville to Farnsworth Avenue in Aurora.

(3) Aurora Avenue is planned for improvement to arterial, or at-grade expressway standards, between Naperville and Farnsworth Avenue in Aurora.

(4) A new east-west arterial is planned for construction through the District, approximately two thousand feet south of Aurora Avenue from U. S. Route 34 on the east to connect into the existing street system of the City of Aurora.

(5) 75th Street is planned for improvement to at-grade expressway standards between Naperville and its intersection with Route 34.

(6) Route 34 is planned for improvement to arterial standards from 75th Street to by-pass Route 30.

(7) 83rd Street is planned for improvement to an arterial from Route 59 to Montgomery Road extended.

(8) 87th Street is planned for improvement and construction to arterial standards between Route 59 and Route 34.

3. Variations. Any change in the above described plans for highways and roads which receives the approval of the City Engineer shall be deemed a reasonable variation from this Plan Description for the purpose of clause a. of Subsection 14.7-6 of the Zoning Ordinance.